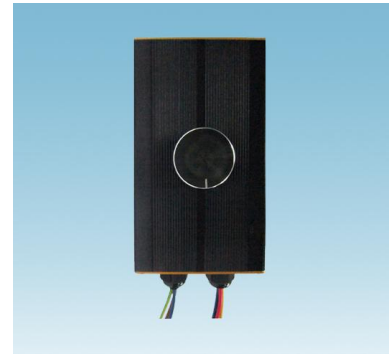


High Power Speed Control Switch

Model #: BRT-784



Features:

BRT-784 is a high power speed controller which has a built-in micro controller unit. It uses rotary knob for turning on or turning off the motor, and for adjusting the motor's speed. It is designed to be used as an in-line device.

- Load up to 2000W;
- Good for controlling multiple motor loads;
- Starts at highest speed;
- Adjustable minimum speed setting. The minimum speed can be fine-tuned by the user to suit for all kind of motors;
- Sturdy metal case; and
- High quality builds.

Top View and Side View:

Fig. 1 and Fig. 2 show the top view and the side view of BRT-784 speed control switch respectively. It has a rotary knob on its top and input and output wires on one end.

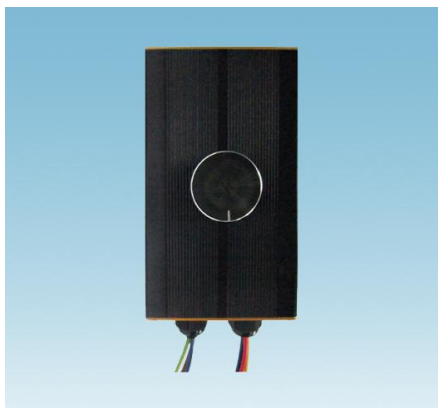


Fig. 1 Top View



Fig. 2 Side View

Product Description of BRT-784

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▶ Specification Parameters:

Input Voltage	220~240V(50Hz/60Hz)	Operation Environment	No-condensation 20-90% RH, -20℃~55℃
Load type	AC Motor	Wattage	2000W
Dimension	168mm x 76mm x 68mm	Weight	355g

▶ Wiring and Installation Guide:

BRT-784 speed control switch is used as an in-line device. It can be mounted on a flat surface by using 4 mounting holes on the bottom. As shown in Fig. 3, the device has 3 input wires and 3 output wires coming out of two outlets, respectively. All the wires are color coded and labelled for easy identification.

Installation must be done when power is turned off. Please follow the wiring diagram carefully.

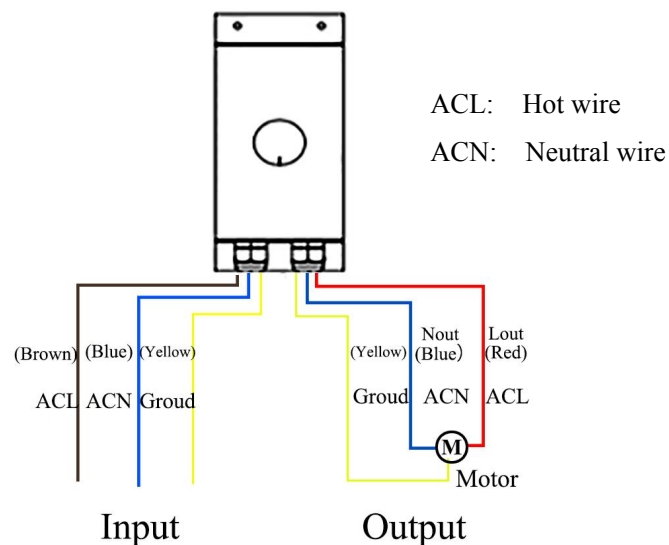


Fig. 3 BRT-784 Wiring Diagram

▶ Operation Guide:

Once it is installed, BRT-784 speed control switch is easy to operate.

- 1. Turn on or turn off the fan and adjust fan speed:** Rotating the knob clockwise will turn on the fan and rotating the knob clockwise further more will reduce the fan speed. When the fan is on, rotating the knob counter-clockwise will increase the fan speed and rotating the

knob counter-clockwise further more will turn off the fan; and

2. **Set the minimum fan speed limit:** As shown in Fig. 4, the minimum fan speed can be fine-tuned by tuning a screw on the side of BRT-784 during initial installation. Turn on the fan and rotate the speed control knob to run the fan at the lowest speed. Then, turn the screw using a screw driver to obtain a minimum fan speed as desired.

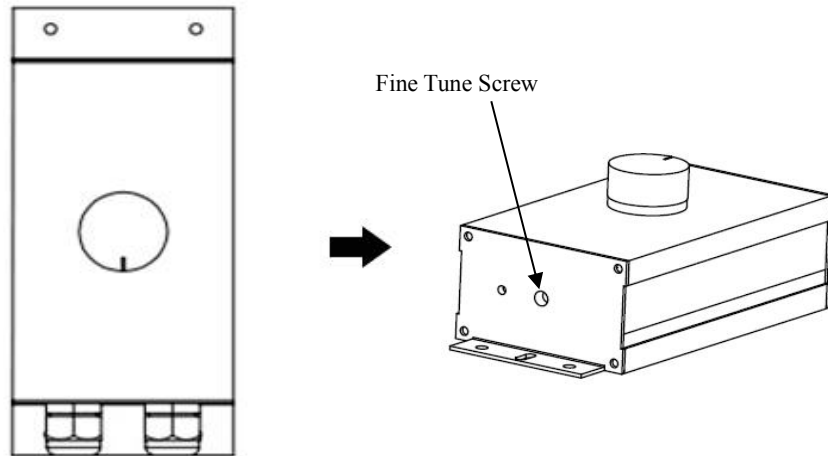


Fig. 4 Fan Speed Adjustment

Note: Adjusting the minimum speed is necessary for some motors, or the motor may not move due to too low a driving voltage.

Applications:

BRT-784 keypad speed control switch can be used for all kinds of appliances driven by motors, especially for multiple high power loads such as cooling fans, ventilation fans, blowers, etc. It has wide applications at various locations such as homes, schools, laboratories, hospitals, bars, restaurants, etc.

How to Order:

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